

ABSTRACT OF THE DISCLOSURE

A method of producing a range of stranded aluminum cables of different gauge from aluminum wires all of the same cross-sectional area. The method involves
5 assembling and stranding a first set of the wires to form a first cable and subsequently assembling and stranding other sets of the wires to form additional cables. Prior to the assembling of at least one set of the wires for the formation of at least one of the cables, the wires are reduced in cross-sectional area in at least two rolling steps, each rolling step causing a reduction in cross-sectional area less than an amount at which
10 brittleness of the wires commences, preferably less than 40% reduction, preferably no more than 30% and ideally less than 25%. The invention also relates to an apparatus for carrying out the method.